



HIGH SPEED LINEAR UPPER HEAD DRILLING & FASTENING SOLUTION

- **Ascent Aerospace** is a leading provider of tooling systems, factory automation and integration services for the aerospace, defense and space industries.

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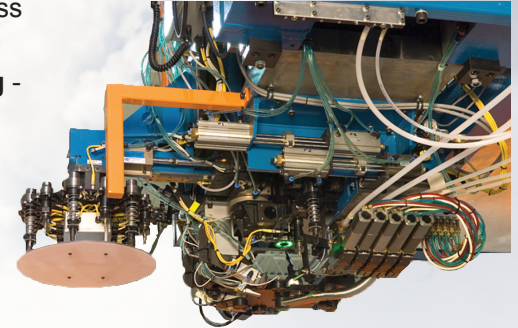
HIGH SPEED LINEAR UPPER HEAD: DRILLING & FASTENING SOLUTION

FEATURES

- **Clearance:** Up to 3" upper tooling clearance
- **Clamp Force:**
 - 100 to 1,000 lbs. (standard application)
 - Up to 2,000 lbs. (high interference fit application)
- **Spindle speed range:** 200 RPM – 20,000 RPM
- **Upset Force:** 20,000 Lbs. maximum upset force
- **Tool Holder:** HSK32 interface w/ drawbar
- **Materials:** CFRP & Metallic capable
- **Fastener Capabilities:** Solid rivets and 2 piece fastening

BENEFITS

- **Current & Future Aero-structures Ready** - Dual sided applications for both metallic & composite structures
- **Up to 21 Fasteners per Minute** - High speed linear head transfers allow for fast cycle times
- **Multi-function flexibility** – High speed spindle plus additional positions on linear slide for application modules (sealant, fastener install, flushness measurement, etc.)
- **Adaptable Positioning** - From manually located to full, 8-axes of coordinated motion



MOUNTING CONFIGURATION

C-FRAME